#### MONTANA NATURAL HERITAGE PROGRAM



TED SCHWINDEN, GOVERNOR

MONTANA STATE LIBRARY BUILDING

## STATE OF MONTANA

1515 EAST 6TH AVENUE

HELENA, MONTANA 59620 (406) 444-3009

#### 7 JANUARY 1988

#### PLANT SPECIES OF SPECIAL CONCERN

The Montana Natural Heritage Program (MTNHP) is inventorying the elements of natural diversity of Montana. The inventory includes plant species, animal species, and plant associations which are rare, endemic, disjunct, threatened, or endangered throughout their range or in Montana, vulnerable to extirpation from Montana, or in need of further research.

The attached list of 351 plant taxa of special concern in Montana represents the list which, with periodic revision, is directing data acquisition by the MTNHP. It has been developed from information supplied by the Montana Rare Plant Project (University of Montana, Missoula, MT), as well as from the scientific literature, herbarium specimens, and field research. This list is dynamic, and is being revised as new data become available to the MTNHP.

Written comments and suggestions are continually needed on this list, particularly regarding additions or deletions, specific locational information, and general comments for the improvement of the list. The data system (map, manual, and computer files) has been set up, and initial data for many taxa have been entered; the MTNHP will eventually be able to supply location information and status data for most of these taxa.

Plant taxa are ranked by a standardized procedure used in all state heritage programs. They are ranked on the basis of their range-wide or global rarity, and on their rarity within the specific state, using these ranking categories:

GLOBAL RANK	Definition
<u> </u>	See 1 do 11 de 11 de 12 de 12 1
<b>G</b> 1	Critically imperiled globally because of extreme rarity (5 or fewer occurrences, or very few remaining individuals), or because of some factor of its biology making it especially vulnerable to extinction. (Critically endangered throughout range).
G2	Imperiled globally because of rarity (6 to 20 occurrences) or because of other factors demonstrably making it very vulnerable to extinction throughout its range. (Endangered throughout range).

- G3 Either very rare and local throughout its range or found locally (even abundant at some of its locations) in a restricted range, or because of other factors making it vulnerable to extinction throughout its range; in the range of 21 to 100 occurrences.

  (Threatened throughout range).
- G4 Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- G5 Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- GU Possibly in peril range-wide, but status uncertain; more information needed.
- GH Historically known; may be rediscovered.
- GX Believed to be extinct throughout range; historical records only, continue search.
- HYB Subfertile or sterile hybrid.

# STATE RANK Definition

- Critically imperiled in Montana because of extreme rarity (5 or fewer occurrences, or very few remaining individuals), or because of some factor of its biology making it especially vulnerable to extirpation from the state. (Critically endangered in state).
- Imperiled in Montana because of rarity (6 to 20 occurrences), or because of other factors demonstrably
  making it very vulnerable to extirpation from the
  state. (Endangered in state).
- S3 Rare in Montana (on the order of 20+ occurrences). (Threatened in state).
- S4 Apparently secure in Montana.
- S5 Demonstrably secure in Montana.
- SU Possibly in peril in Montana, but status uncertain; more information needed.
- SH Historically known in Montana; may be rediscovered.
- SX Apparently extirpated from Montana.
- HYB Subfertile or sterile hybrid.

#### Other codes:

- Q Taxonomic questions or problems involved; more information needed.
- Rank for a subspecific taxon (subspecies or variety); appended to the global rank for the full species.

It should be emphasized that many of the global and state ranks are constantly being revised or completed; these updated rankings will appear on revised lists as they become available.

The symbols utilized in the Federal Status column denote the categories defined in the U.S. Fish and Wildlife Service Notices of Review (1980, 1983, 1985).

E	Endangered (none in Montana).
T	Threatened (none in Montana).
P	Proposed E or T (none in Montana).
C1	Notice of Review, Category 1 (substantial biological information on file to support the appropriateness of proposing to list as endangered or threatened).
CS	Notice of Review, Category 2 (current information indicates that proposing to list as endangered or threatened is possibly appropriate, but substantial biological information is not on file to support an immediate ruling).
C2*	Category 2, and the taxon is possibly extinct.
3A	Taxa for which the USFWS has persuasive evidence of extinction.
3B	Names that, on the basis of current taxonomic under standing, do not represent taxa meeting the Endangered Species Act's definition of "species."
30	Taxa that have proven to be more abundant or wide spread than was previously believed, and/or those that are not subject to any identifiable threat.

#### Selected references:

Dorn, R.D. 1984. Vascular plants of Montana. Mountain West Publishing, Cheyenne, WY. 276 pp.

Federal Register, 1980. Endangered and threatened wildlife and plants: Review of plant taxa for listing as endangered or threatened species. 45(242): 82480-82569. 15 December 1980.

Federal Register, 1983. Endangered and threatened wildlife and plants: Supplement to review of plant taxa for listing; proposed rule. 48(229): 53640-53670. 28 November 1983.

Federal Register, 1985. Endangered and threatened wildlife and plants: Review of plant taxa for listing as endangered or threatened species; Notice of review. 50(188): 39525-39584. 27 September 1985.

Kartesz, J.T. 1985. Vascular plant checklist (draft revised). In preparation.

Lesica, P., G. Moore, K.M. Peterson, and J.H. Rumely (Montana Rare Plant Project). 1984. Vascular plants of limited distribution in Montana. Vol. 43, Monograph No. 2, Montana Academy of Sciences, Supplement to the Proceedings. 61 pp.

Compiled by J. Stephen Shelly Revised Ø7JAN88

STATE NAME	ELCODE	FAMILY	GRANK	SRANK	FEDSTATUS
ADOXA MOSCHATELLINA	PDAD001010	ADOXACEAE	65	S1	
AGASTACHE CUSICKII	PDLAMØ303Ø	LAMIACEAE	6364	Si	30
AGOSERIS SP NOV	PDASTØ9X1Ø	ASTERACEAE	G2	Si	
AGROSTIS BOREALIS	PMPOA04190	POACEAE	G5	Si	
ALLIUM ACUNINATUM	PMLIL02020	LILIACEAE	65	51	
ALLIUM DOUGLASII VAR COLUMBIANUM	PMLILØ2ØT1	LILIACEAE	6465T3	S1	
ALLIUM FIBRILLUM	PMLIL020X0	LILIACEAE	6?	S1	
ALLIUM PARVUM	PMLILØ21PØ	LILIACEAE	G5	Si	
ALLIUM SINILLIMUM	PMLILØ2270	LILIACEAE	G?	\$1\$2	
ALLOTROPA VIRGATA	PDERIØ1010	ERICACEAE	G4	51	
AMARANTHUS CALIFORNICUS	PDAMAØ4ØAØ	AMARANTHACEAE	G?	S1	
AMMANNIA COCCINEA	PDLYTØ1020	LYTHRACEAE	G5	Si	
AMORPHA CANESCENS	PDFA808020	FABACEAE	65	SISX	
ANTENNARIA PLANTAGINIFOLIA	PDASTØHØJØ	ASTERACEAE	G5	SU	
ANTENNARIA PULCHERRIMA	PDASTØHØLØ	ASTERACEAE	G3G4	SI	
AQUILEGIA BREVISTYLA	PDRANØ5Ø2Ø	RANUNCULACEAE	G5	Si	
AQUILEGIA FORMOSA	PDRANØ5ØBØ	RANUNCULACEAE	G4G5	S1	
ARABIS FECUNDA	PDBRAØ629Ø	BRASSICACEAE	G1	S1	C2
ARABIS LIGNIFERA	PDBRAØ612Ø	BRASSICACEAE	65	S1	
ARCTOSTAPHYLOS PATULA	PDERIØ4130	ERICACEAE	64	S1	
ARENARIA KINGII	PDCARØ4ØDØ	CARYOPHYLLACEAE	G4	S1	
ARTEMISIA NORVEGICA VAR SAXATILIS	PDASTØSØ71	ASTERACEAE	6?	S1	
ARTEMISIA PEDATIFIDA	PDASTØS1AØ	ASTERACEAE	G364	52	
ASCLEPIAS STENOPHYLLA	PDASCØ21UØ	ASCLEPIADACEAE	6465	S1	
ASPLENIUM TRICHOMANES	PPASPØ21KØ	ASPLENIACEAE	65	S1	
ASTER FRONDOSUS	PDASTØT16Ø	ASTERACEAE	G4	51	
ASTER PTARMICOIDES	PDAST8P1FØ	ASTERACEAE	65	Si	
ASTRAGALUS ARETIDIDES	PDFABØFØRØ	FABACEAE	64	52	
ASTRAGALUS ARGOPHYLLUS VAR ARGOPHYLLUS	PDFABØFØS1	FABACEAE	65T?	SI	
ASTRAGALUS BARRII	PDFABØF15Ø	FABACEAE	6263	S2	C5
ASTRAGALUS CERAMICUS VAR APUS	PDFABØF1V1	FABACEAE	G4T3	S1	30
ASTRAGALUS CHAMAELEUCE	PDFABØF1XØ	FABACEAE	65	Si	
ASTRAGALUS CONVALLARIUS	PDFABØF2DØ	FABACEAE	65	S1	
ASTRAGALUS GEYERI	PDFABØF3MØ	FABACEAE	G5	S1	
ASTRAGALUS GRAYI	PDFABØF3VØ	FABACEAE	G?	SI	
ASTRAGALUS HYALINUS	PDFABØF46Ø	FABACEAE	G3	52	
ASTRAGALUS LENTIGINOSUS VAR SALINUS	PDFABØF4QR	FABACEAE	G5T?	51	
ASTRAGALUS LEPTALEUS	PDFABØF4RØ	FABACEAE	G4	SUS1	
ASTRAGALUS MOLYBDENUS	PDFABØF5MØ	FABACEAE	6?	S1	
ASTRAGALUS OREGANUS	PDFABØF6DØ	FABACEAE	G?	51	
ASTRAGALUS PLATYTROPIS	PDFABØF6XØ	FABACEAE	6364	S1	
ASTRAGALUS RACEMOSUS VAR LONGISETUS	PDFABØF7C1	FABACEAE	G?	SU	
ASTRAGALUS SCAPHDIDES	PDFAB0F7V0	FABACEAE	63	S1	C2
ASTRAGALUS TERMINALIS	PDFABØF8UØ	FABACEAE	G364	S2	
ATHYSANUS PUSILLUS	PDBRAØ8010	BRASSICACEAE	G4	S1	
BACOPA ROTUNDIFOLIA	PDSCRØ6Ø8Ø	SCROPHULARIACEAE	G5	S1	
BALSAMORHIZA MACROPHYLLA	PDAST11070	ASTERACEAE	6365	S1	
BIDENS TRIPARTITA	PDAST181LØ	ASTERACEAE	G?NE	SU	
BIDENS VULGATA VAR SCHIZANTHA	PDAST181N1	ASTERACEAE	G5T?	S1	
BOTRYCHIUM CRENULATUM	PPOPHØ1ØLØ	OPHIOGLOSSACEAE	61630	51	C2

BOTRYCHIUM HESPERIUM BOTRYCHIUM MINGANENSE BOTRYCHIUM MINGANENSE BOTRYCHIUM MONTANUM PPOPHØ1ØØØ OPHIOGLOSSACEAE 64 S1 BOTRYCHIUM MONTANUM PPOPHØ1ØØØ OPHIOGLOSSACEAE 6263 S2 BOTRYCHIUM PARADOXUM PPOPHØ1ØØØ OPHIOGLOSSACEAE 61 S1 C2 BRASENIA SCHREBERI PDNYMØ1Ø1Ø NYMPHAEACEAE 65 S1 BULBOSTYLIS CAPILLARIS PMCYPØØØØØ CYPERACEAE 65 S1 CALAMAGROSTIS TWEEDYI PMPOA1715Ø POACEAE 6364 S1 C2 CAMISSONIA ANDINA PDONAØØ1Ø ONAGRACEAE 64 S1 CAMISSONIA MINOR PDONAØØ1Ø ONAGRACEAE 67 S1 CAMISSONIA SCAPOIDEA CAMISSONIA TANACETIFOLIA PDONAØØ1MØ ONAGRACEAE 65 S1 CARZAMINE RUPICOLA PDBRAØK1ØØ BRASSICACEAE 6263 S253 3C CAREX AMPLIFOLIA PMCYPØØØØØ CYPERACEAE 6364 S1 CAREX CHORDORRHIZA PMCYPØØØØØ CYPERACEAE 636 S1
BOTRYCHIUM MINGANENSE BOTRYCHIUM MONTANUM PPOPHØ1ØKØ OPHIOGLOSSACEAE G2G3 S2 BOTRYCHIUM PARADOXUM PPOPHØ1ØKØ OPHIOGLOSSACEAE G1 S1 C2 BRASENIA SCHREBERI PDNYMØ1Ø1Ø NYMPHAEACEAE G5 S1 BULBOSTYLIS CAPILLARIS PMCYPØ2Ø2Ø CYPERACEAE G5 S1 CALAMAGROSTIS TWEEDYI PMPOA1715Ø POACEAE G3G4 S1 CAMISSONIA ANDINA PDONAØ31Ø ONAGRACEAE G7 S1 CAMISSONIA SCAPOIDEA CAMISSONIA SCAPOIDEA CAMISSONIA TANACETIFOLIA PDONAØ31MØ ONAGRACEAE G5 S1 CARDAMINE RUPICOLA PDBRAØK13Ø BRASSICACEAE G2G3 S2 S2 CAPINOTOMIOGLOSSACEAE G1 S1 C2 C2 C3G4 S1 C2 CAPINOTOMIOGLOSSACEAE G3 S1 C2 CAPINOTOMIOGLOSSACEAE G3 S1 C2 CAPINOTOMIOGLOSSACEAE G3 S1 C2 CAPINOTOMIOGLOSSACEAE G3 S1 C2 CAPINOTOMIOGLOSSACEAE G5 S1 CAPINOTOMIOGLOSSACEAE G4 S1 CAPINOTOMIOGLOSSACEAE G5 S1 CAPINOTOMIOGLOSSACEAE G6 S1 CAPINOTOMIOGLOSACEAE G7 S1 CAPINOTOMIOGLOSAC
BOTRYCHIUM MONTANUM  BOTRYCHIUM PARADOXUM  PPOPHØIØKØ  PPOPHØIØJØ  NYMPHAEACEAE  GS  S1  CALAMAGROSTIS TWEEDYI  PMPOA1715Ø  POACEAE  G3G4  S1  C2  CAMISSONIA ANDINA  PDONAØ301Ø  ONAGRACEAE  G4  S1  CAMISSONIA SCAPOIDEA  PDONAØ31Ø  ONAGRACEAE  G4  SU  CAMISSONIA TANACETIFOLIA  PDONAØ31MØ  ONAGRACEAE  G5  S1  CARCA AMPLIFOLIA  PDORAØ31MØ  ONAGRACEAE  G2G3  S2  S2  S2  S2  S2  S2  S2  S2  S2  S
BOTRYCHIUM PARADOXUM  BRASENIA SCHREBERI  BULBOSTYLIS CAPILLARIS  CALAMAGROSTIS TWEEDYI  CAMISSONIA ANDINA  CAMISSONIA MINOR  CAMISSONIA SCAPOIDEA  CAMISSONIA TANACETIFOLIA  CARDAMINE RUPICOLA  CAREX AMPLIFOLIA  POPOHÓ1030  POPHI0GLOSSACEAE  G1 S1 C2  CAPPOPHÓ1030  NYMPHAEACEAE  G5 S1  CYPERACEAE  G6 S1  C2  CYPERACEAE  G7 S1  CAPCAMISSONIA MINOR  PDONAØ3110  ONAGRACEAE  G7 S1  ONAGRACEAE  G8 S1  CARCAREX AMPLIFOLIA  PDONAØ3110  ONAGRACEAE  G7 S1  CARCAREX AMPLIFOLIA  PDONAØ3110  ONAGRACEAE  G6 S1  C2  CAPCAMINE RUPICOLA  PDONAØ3110  ONAGRACEAE  G7 S1  CARCAREX AMPLIFOLIA  PMCYPØ3000  CYPERACEAE  G3G4 S1
BRASENIA SCHREBERI BULBOSTYLIS CAPILLARIS PMCYPØ2Ø2Ø CYPERACEAE G5 S1 CALAMAGROSTIS TWEEDYI PMPOA1715Ø POACEAE G3G4 S1 CAMISSONIA ANDINA PDONAØ301Ø ONAGRACEAE G7 CAMISSONIA MINOR PDONAØ311Ø ONAGRACEAE G7 CAMISSONIA SCAPOIDEA PDONAØ316Ø ONAGRACEAE G7 CAMISSONIA TANACETIFOLIA PDONAØ31MØ ONAGRACEAE G7 S1 CARDAMINE RUPICOLA PDONAØ31MØ ONAGRACEAE G5 S1 CAREX AMPLIFOLIA PMCYPØ3ØNØ CYPERACEAE G3G4 S1 CAREX AMPLIFOLIA
BULBOSTYLIS CAPILLARIS  CALAMAGROSTIS TWEEDYI  CAMISSONIA ANDINA  CAMISSONIA MINOR  CAMISSONIA SCAPOIDEA  CAMISSONIA TANACETIFOLIA  CARDAMINE RUPICOLA  CAREX AMPLIFOLIA  PMCYPØ2Ø2Ø  CYPERACEAE  G5 S1  CYPERACEAE  G6 S1  CYPERACEAE  G7 S1  CAPCAMISSONIA CAPCAMISSONIA CONAGRACEAE  G7 S1  CARCAMISSONIA TANACETIFOLIA  PDONAØ31MØ  CARCAMISSONIA TANACETIFOLIA  PDONAØ31MØ  CARCAMISSONIA CAPCAMIS  CARCAMISSONIA CAPCAMIS  CARCAMISSONIA CAPCAMIS  CARCAMISSONIA CAPCAMIS  CAPCAMISSONIA CAPCAMIS
CALAMAGROSTIS TWEEDYI CAMISSONIA ANDINA PDONAØ301Ø CAMISSONIA MINOR PDONAØ311Ø CAMISSONIA SCAPOIDEA CAMISSONIA TANACETIFOLIA CARDAMINE RUPICOLA CAREX AMPLIFOLIA PMPOA1715Ø POACEAE G3G4 S1 CA
CAMISSONIA ANDINA PDONAØ3Ø1Ø ONAGRACEAE G4 S1 CAMISSONIA MINOR PDONAØ311Ø ONAGRACEAE G7 S1 CAMISSONIA SCAPOIDEA PDONAØ316Ø ONAGRACEAE G4 SU CAMISSONIA TANACETIFOLIA PDONAØ31MØ ONAGRACEAE G5 S1 CARDAMINE RUPICOLA PDBRAØK13Ø BRASSICACEAE G2G3 S2S3 3C CAREX AMPLIFOLIA PMCYPØ3ØNØ CYPERACEAE G3G4 S1
CAMISSONIA MINOR  CAMISSONIA SCAPOIDEA  CAMISSONIA TANACETIFOLIA  CARDAMINE RUPICOLA  CAREX AMPLIFOLIA  PDONAØ310Ø  ONAGRACEAE  G? S1  CARDAMINE RUPICOLA  PDONAØ310Ø  ONAGRACEAE  GS S1  CAREX AMPLIFOLIA  PMCYPØ3ØNØ  CYPERACEAE  G364 S1
CAMISSONIA SCAPOIDEA PDONAØ31GØ ONAGRACEAE G4 SU CAMISSONIA TANACETIFOLIA PDONAØ31MØ ONAGRACEAE G5 S1 CARDAMINE RUPICOLA PDBRAØK13Ø BRASSICACEAE G2G3 S2S3 3C CAREX AMPLIFOLIA PMCYPØ3ØNØ CYPERACEAE G3G4 S1
CAMISSONIA TANACETIFOLIA PDONAØ31MØ ONAGRACEAE G5 S1 CARDAMINE RUPICOLA PDBRAØK13Ø BRASSICACEAE G2G3 S2S3 3C CAREX AMPLIFOLIA PMCYPØ3ØNØ CYPERACEAE G3G4 S1
CARDAMINE RUPICOLA PDBRAØK13Ø BRASSICACEAE G2G3 S2S3 3C CAREX AMPLIFOLIA PMCYPØ3ØNØ CYPERACEAE G3G4 S1
CAREX AMPLIFOLIA PMCYPØ3ØNØ CYPERACEAE G3G4 S1
CHIVE HIS EST GETS
DARRY RUSPROPULTA DEPUNDADANA PVDEDAPEAC CE CE
CUNTY CHORDOWNITCU
CAREX COMOSA PMCYPØ32YØ CYPERACEAE G5 S1
CAREX CRAWEI PMCYP03360 CYPERACEAE G5 S1
CAREX EURYCARPA PMCYP034E0 CYPERACEAE G? S1?
CAREX GRAVIDA PMCYPØ35GØ CYPERACEAE G5 S1S2
CAREX IDAHOA PMCYPØ36EØ CYPERACEAE G3Q S1 3C
CAREX LENTICULARIS VAR DOLIA PMCYPØ37A3 CYPERACEAE G5T2 S1 C2
CAREX LIVIDA PMCYPØ37LØ CYPERACEAE G5 S1
CAREX MARITIMA PMCYPØ386Ø CYPERACEAE 64 S1
CAREX MICROGLOCHIN PMCYPØ3BKØ CYPERACEAE 65? SU
CAREX MULTICOSTATA PMCYPØ38YØ CYPERACEAE G? S1
CAREX OCCIDENTALIS PMCYP039M0 CYPERACEAE G? SU
CAREX PAUPERCULA PMCYPØ3A7Ø CYPERACEAE 65 S1
CAREX PETRICOSA PMCYPO3AFO CYPERACEAE G4 S1
CAREX SCOPARIA PMCYPØ3C9Ø CYPERACEAE G5 S1
CAREX STENOPTILA PMCYPØ3CXØ CYPERACEAE G? SU
CAREX SYCHNOCEPHALA PMCYPØ3DEØ CYPERACEAE G4 S1
CAREX TENUIFLORA PMCYPØ3DLØ CYPERACEAE G5 S1
CAREX TINCTA PMCYPØ3DQØ CYPERACEAE G465 S1
CAREX TORREYI PMCYP03DT0 CYPERACEAE G4 S1
CASTILLEJA COVILLEANA PDSCRØDØKØ SCROPHULARIACEAE G? S1
CASTILLEJA EXILIS PDSCRØDØNØ SCROPHULARIACEAE G5 SU
CASTILLEJA GRACILLIMA PDSCRØD15Ø SCROPHULARIACEAE G? SU
CASTILLEJA LONGISPICA PDSCRØDIWØ SCROPHULARIACEAE G? SU
CASTILLEJA OCCIDENTALIS PDSCRØD29Ø SCROPHULARIACEAE G? S2
CASTILLEJA RUSTICA PDSCRØDZVØ SCROPHULARIACEAE G? SU
CEANOTHUS HERBACEUS PDRHAØ4ØKØ RHAMNACEAE G5 S1SH
CELASTRUS SCANDENS PDCELØ3Ø2Ø CELASTRACEAE G5 S1
CENTAURIUM EXALTATUM PDGENØ2Ø6Ø GENTIANACEAE G5 S1SX
CENTUNCULUS MINIMUS PDPRIØ1020 PRIMULACEAE G5 S1SH
CERCOCARPUS MONTANUS VAR GLABER PDROSØ8Ø23 ROSACEAE G5TU S1
CHRYSOSPLENIUM TETRANDRUM PDSAX07050 SAXIFRAGACEAE G? S1
CHRYSOTHAMNUS LINIFOLIUS PDAST2C050 ASTERACEAE G? S1SH
CIRSIUM BREVISTYLUM PDAST2EØBØ ASTERACEAE G4 S1
CIRSIUM LONGISTYLUM PDAST2E1PØ ASTERACEAE G2Q S2
CIRSIUM SUBNIVEUM PDAST2E2SØ ASTERACEAE G3G4 S1
CLARKIA RHOMBOIDEA PDONAØ5ØXØ ONAGRACEAE 64 S1

STATE NAME	ELCODE	FAMILY	GRANK	SRANK	FEDSTATUS
CLAYTONIA LANCEOLATA VAR FLAVA	PDPORØ3Ø92	PORTULACACEAE	G5T1	SI	C2
CLEOME LUTEA	PDCPPØ3070	CAPPARACEAE	<b>G</b> ?	S1	
CONIOSELINUM SCOPULORUM	PDAPIØPØ4Ø	APIACEAE	G?	SI	
CORDYLANTHUS CAPITATUS	PDSCRØJØ3Ø	SCROPHULARIACEAE	6?	Si	
CORYDALIS SEMPERVIRENS	PDPAPØ7ØBØ	PAPAVERACEAE	G4G5	S1S2	
CRYPTANTHA FENDLERI	PDBORØAØXØ	BORAGINACEAE	G4	S1	
CRYPTANTHA FLAVOCULATA	PDBORØA100	BORAGINACEAE	G5	S1	
CRYPTANTHA HUMILIS	PDBORØA1AØ	BORAGINACEAE	G4?	S1?	
CYPERUS ACUMINATUS	PMCYP06010	CYPERACEAE	G5	51	
CYPERUS ERYTHRORHIZOS	PMCYPØ6ØZØ	CYPERACEAE	G5	SU	
CYPERUS RIVULARIS	PMCYPØ432Ø	CYPERACEAE	65	S1	
CYPERUS SCHWEINITZII	PMCYPØ636Ø	CYPERACEAE	65	S1	
CYPRIPEDIUM CALCEOLUS VAR PARVIFLORUM	PMORCØQØ9Ø	ORCHIDACEAE	G4T3	S2	
CYPRIPEDIUM FASCICULATUM	PMORC@Q@4@	ORCHIDACEAE	G4	S1	30
CYPRIPEDIUM PASSERINUM	PMORCØQØAØ	ORCHIDACEAE	G4G5	S1	
CYSTOPTERIS MONTANA	PPASPØ8Ø5Ø	ASPLENIACEAE	65	SISU	
DALEA VILLOSA	PDFAB1A1QØ	FABACEAE	G?	SI	*
DELPHINIUM ANDERSONII	PDRANØBØ3Ø	RANUNCULACEAE	65	SU	
DELPHINIUM BURKEI	PDRANØBØ9Ø	RANUNCULACEAE	G4	S1	
DELPHINIUM GEYERI	PDRANØBØLØ	RANUNCULACEAE	G?	SU	
DICHANTHELIUM OLIGOSANTHES	PMPOA24000	POACEAE	<b>G</b> 5	SISH	
DRABA APICULATA	PDBRA11050	BRASSICACEAE	6465	<b>S1</b>	
DRABA DAVIESIAE	PDBRA112UØ	BRASSICACEAE	G2	52	3C
DRABA FLADNIZENSIS	PDBRA11ØZØ	BRASSICACEAE	G?	Si	x
DRABA MACDUNII	PDBRA111HØ	BRASSICACEAE	G3G4	SI	
DRABA PORSILDII	PDBRA11200	BRASSICACEAE	6?	Si	
DRABA VENTOSA	PDBRA112NØ	BRASSICACEAE	65	S1	
DROSERA LINEARIS	PDDROØ2Ø6Ø	DROSERACEAE	G4	S1	
DRYAS INTEGRIFOLIA	PDROSØLØ2Ø	ROSACEAE	G5	S1	
DRYOPTERIS CRISTATA	PPASPØCØ8Ø	ASPLENIACEAE	65	SI	
ELATINE CALIFORNICA	PDELTØ2040	ELATINACEAE	G?	S1	
ELODEA LONGIVAGINATA	PMHYDØ3Ø6Ø	HYDROCHARITACEAE	6?	SI	
ELYMUS FLAVESCENS	PMPOA2HØ7Ø	POACEAE	G4	S1	
ELYMUS INNOVATUS	PMPOA2HØAØ	POACEAE	G4 C4	S1	
EPIPACTIS GIGANTEA	PMORC11010	ORCHIDACEAE	G4	S1 S2	30
ERIGERON ALLOCOTUS	PDAST3MØ5Ø PDAST3MØDØ	ASTERACEAE	63 64	SI	3L
ERIGERON ASPERUGINEUS		ASTERACEAE	6?	SN	
ERIGERON BELLIDIASTRUM ERIGERON EATONII SSP EATONII	PDAST3MØJØ PDAST3M171	ASTERACEAE ASTERACEAE	G4T4	S1?	
	PDAST3M1BØ	ASTERACEAE	6465	25	
ERIGERON EVERMANNII ERIGERON FLABELLIFOLIUS	PDAST3M1EØ	ASTERACEAE	6364	52 52	
ERIGERON FLAGELLARIS	PDAST3M1FØ	ASTERACEAE	64	S1	
ERIGERON FORMOSISSIMUS VAR VISCIDUS	PDAST3M1K2	ASTERACEAE	G4T?	S1	
ERIGERON LACKSCHEWITZII	PDAST3M4FØ	ASTERACEAE	610	S1	
ERIGERON LANATUS	PDAST3M250	ASTERACEAE	G4	S2	
ERIGERON LINEARIS	PDAST3M2BØ	ASTERACEAE	G5	S1	
ERIOGONUM LAGOPUS	PDPGNØ83EØ	POLYGONACEAE	G1Q	S1	C2
ERIOGONUM PYROLIFOLIUM VAR CORYPHAEUM	PDPGNØ84Z1	POLYGONACEAE	G?	52	
ERIOGONUM UMBELLATUM VAR STELLATUM	PDPGNØ862K	POLYGONACEAE	G5TU	SU	
ERIOPHORUM VIRIDICARINATUM	PMCYPØAØEØ	CYPERACEAE	65	S1	

4

STATE NAME	ELCODE	FAMILY	GRANK	SRANK	FEDSTATUS
EUPATORIUM MACULATUM	PDAST3P140	ASTERACEAE	65	51	
EUPATORIUM OCCIDENTALE	PDAST3P18Ø	ASTERACEAE	64	S1	
EUPHRASIA ARCTICA	PDSCRØPØ3Ø	SCROPHULARIACEAE	65	S1	
FESTUCA VIVIPARA	PMPOA2V1DØ	POACEAE	6364	S1	
GENTIANA AQUATICA	PDGENØ6050	GENTIANACEAE	G4	S1	
GENTIANA GLAUCA	PDGENØ6ØEØ	GENTIANACEAE	6?	Si	
GENTIANELLA TENELLA	PDGENØ7Ø7Ø	GENTIANACEAE	G4	S2	
GENTIANOPSIS MACOUNII	PDGENØ8Ø5Ø	GENTIANACEAE	65 car.	S1	
GENTIANOPSIS SIMPLEX	PDGENØ8ØAØ	GENTIANACEAE	G3G4	51 51	
GEOCAULON LIVIDUM	PDSANØ4010	SANTALACEAE	G4	SN	
GEUM ROSSII VAR ROSSII	PDROSØSØE2	ROSACEAE	G5T? G5T?	30 S2?	
GILIA LEPTOMERIA VAR LEPTOMERIA	PDPLMØ4ØX1	POLEMONIACEAE		Si	
GILIA THEEDYI	PDPLM041U0	POLEMONIACEAE ORCHIDACEAE		51	
GOODYERA REPENS	PMORC17030		65 ce	21	
GRAYIA SPINOSA	PDCHE0C020	CHENOPODIACEAE	G5	50 53	C2
GRINDELIA HOWELLII	PDAST47ØEØ	ASTERACEAE	63 65	53 51	LE
HALENIA DEFLEXA	PDGENØ901Ø	GENTIANACEAE	6365	51 51	
HAPLOPAPPUS MACRONEMA	PDAST4FØUØ	ASTERACEAE		S1	
HAPLOPAPPUS MULTICAULIS	PDAST4FØWØ	ASTERACEAE	64 ca		
HAPLOPAPPUS NANUS	PDAST3LØBØ	ASTERACEAE	G?	S1	
HAPLOPAPPUS PYGMAEUS	PDAST4F100	ASTERACEAE	64 CU	S1 S1	
HELENIUM HOOPESII	PDAST	ASTERACEAE	GU	SU	
HEMICARPHA DRUMMONDII	PMCYPØEØ1Ø	CYPERACEAE	G?		
HETERANTHERA DUBIA	PMPONØ6Ø1Ø	PONTEDERIACEAE	65 63	S1	
HETEROCODON RARIFLORUM	PDCAMØ8Ø1Ø	CAMPANULACEAE	G?	S1	C2
HOWELLIA AQUATILIS	PDCAMØAØ1Ø	CAMPANULACEAE BRASSICACEAE	62 65	S1 S1	LE
HUTCHINSIA PROCUMBENS HYMENOPAPPUS FILIFOLIUS VAR IDAHOENSIS	PDBRA1EØ1Ø PDAST51Ø34	ASTERACEAE	G?T2T4		30
HYMENOPAPPUS FILIFOLIUS VAR LUTEUS	PDAST51034	ASTERACEAE	G?	SU	ac.
HYMENOXYS TORREYANA	PDAST530MØ	ASTERACEAE	G?	S1	
IDAHDA SCAPIGERA	PDBRA1G010	BRASSICACEAE	G5	SI	
IPOMOPSIS CONGESTA SSP CREBRIFOLIA	PDPLMØ6032	POLEMONIACEAE	G5T5	S1	
IPOMOPSIS PUMILA	PDPLMØ6ØEØ	POLENONIACEAE	6?	51	
JUNCUS ACUMINATUS	PMJUNØ1030	JUNCACEAE	G5	Si	
JUNCUS ALBESCENS	PMJUNØ1060	JUNCACEAE	G?	S1	
JUNCUS CASTANEUS	PMJUNØ10P0	JUNCACEAE	6?	52	
JUNCUS COVILLEI	PMJUNØ1ØVØ	JUNCACEAE	G4G5	S1	
JUNCUS HALLII	PMJUNØ11EØ	JUNCACEAE	G4G5	Si	
JUNCUS TRIGLUMIS	PMJUNØ12ZØ	JUNCACEAE	G5	S2	
KELLOGGIA GALIOIDES	PDRUB12010	RUBIACEAE	65	S1	
KOBRESIA SIBIRICA	PMCYPØFØ2Ø	CYPERACEAE	G5	Si	
KOBRESIA SIMPLICIUSCULA	PMCYPØFØ3Ø	CYPERACEAE	65	Si	
KOCHIA AMERICANA	PDCHEØEØ1Ø	CHENOPODIACEAE	G?	S1	
KOENIGIA ISLANDICA	PDPGNØDØ1Ø	POLYGONACEAE	64	52	
LATHYRUS BIJUGATUS	PDFAB25Ø4Ø	FABACEAE	G?	S1	
LEPIDIUM MONTANUM	PDBRAIMØLØ	BRASSICACEAE	G4	S1	
LEPTODACTYLON CAESPITOSUM	PDPLM08010	POLEMONIACEAE	G3G4	S1	
LESQUERELLA CARINATA	PDBRA1NØBØ	BRASSICACEAE	63	Si	30
LESQUERELLA HUMILIS	PDBRA1N1YØ	BRASSICACEAE	G1	51	
LESQUERELLA KLAUSII	PDBRA1N1ZØ	BRASSICACEAE	G2	S2	

STATE NAME	ELCODE	FAMILY	GRANK	SRANK	FEDSTATUS
LEWISIA COLUMBIANA VAR WALLOWENSIS	DBD0D4/499	DODTII ADADEAE	5171		5.5
LIGUSTICUM FILICINUM	PDPORØ4033 PDAPI18060	PORTULACACEAE			3C
LIGUSTICUM PORTERI		APIACEAE	6?	S1	
LILAEA SCILLOIDES	PDAPI18080	APIACEAE	G4G5	S1	
LILIUM COLUMBIANUM	PMSCH01010	SCHEUCHZERIACEAE	6?	S1	
LINANTHUS NUTTALLII	PMLIL1AØ5Ø PDPLMØ9ØVØ	LILIACEAE POLEMONIACEAE	G4G5	S1	
LINARIA CANADENSIS VAR TEXANA	PDSCR11ØD		6?	S2	
LOBELIA SPICATA	PDCAMGE190		G4T4	S1	
LOMATIUM BICOLOR VAR BICOLOR	PDAPI1BØ21	APIACEAE	65 G?	S1 S2	
LOMATIUM GEYERI	PDAPI1BØNØ		6364	Si	
LYCOPODIUM ALPINUM	PPLYC01020		6?	51 5152	
LYCOPODIUM OBSCURUM	PPLYCØ19PØ	LYCOPODIACEAE	65	212C	
MACHAERANTHERA COMMIXTA	PDAST64ØDØ	ASTERACEAE	63 6364		
MADIA HINIMA	PDAST450C0	ASTERACEAE	6?	S1	
MAIANTHENUM CANADENSE	PMLIL1DØ10	LILIACEAE	65	SISH	
MALACOTHRIX TORREYI	PDAST66ØLØ	ASTERACEAE	64	S1	
MENTZELIA MONTANA	PDLOA03110	LOASACEAE	64	SU	
MENTZELIA NUDA	PDLOAØ315Ø	LOASACEAE	6?	SU	
MENTZELIA PUNILA	PDLOA031G0	LOASACEAE	6?	Si	
MEDTENDIA DELLA	DDDDDGNGLG	BORAGINACEAE	G4	Si	
MIMULUS NANUS MIMULUS PRIMULOIDES MIRABILIS HIRSUTA MUHLENBERGIA ANDINA MUHLENBERGIA MINUTISSIMA MYOSOTIS VERNA NAJAS GUADALUPENSIS NYMPHAEA TETRAGONA OENOTHERA PALLIDA VAR IDAHOENSIS OPHIOGLOSSUM VULGATUM ORCHIS ROTUNDIFOLIA OROBANCHE CORYMBOSA OROGENIA LINEARIFOLIA OXYTROPIS COLUMBIANA OXYTROPIS LAGOPUS VAR CONJUGENS	PDSCR1B1YØ			S152	
MINULUS PRIMULOTOES	PDSCR1B27Ø	SCROPHULARIACEAE	64	S1 S1	
MIRARII IS HIRSUTA	PDNYCØAØPØ	NYCTAGINACEAE	6?	S1	
MUHI ENBERGIA ANDINA	PMP0A48Ø1Ø	POACEAE	G4	52	
MUHI ENBERGIA MINUTISSIMA	PMPOA4813Ø	POACEAE	G4	Si	
MYOSOTIS VERNA	PDBORØPØDØ	BORAGINACEAE	65	SU	
NAJAS GUADALUPENSIS	PMNAJØ1050	NAJADACEAE	G5	SI	
NYMPHAEA TETRAGONA	PDNYMØ5ØBØ	NYMPHAEACEAE	65	S1	
GENOTHERA PALLIDA VAR IDAHGENSIS	PDONAØCØY2	ONAGRACEAE	G4T4Q		
OPHIOGLOSSUM VULGATUM	PPOPHØ2ØBØ	OPHIOGLOSSACEAE	G5	S1	
ORCHIS ROTUNDIFOLIA	PMORCØ1Ø1Ø	ORCHIDACEAE	G5	Si	
OROBANCHE CORYMBOSA	PDOR004040	OROBANCHACEAE	G?	S1	
OROGENIA LINEARIFOLIA	PDAPI1JØ20	APIACEAE	6?	Si	
OXYTROPIS COLUMBIANA	PDFAB2XØSØ	FABACEAE	G2	SI	
OXYTROPIS LAGOPUS VAR CONJUGENS	PDFAB2X@A2	FABACEAE	G4T2	52	
OXYTROPIS PODOCARPA	PDFAB2XØKØ	FABACEAE	G?	S1	
PAPAVER KLUANENSIS	PDPAPØHØHØ	PAPAVERACEAE	64	SI	
PAPAVER PYGMAEUM	PDPAPØHØGØ	PAPAVERACEAE	<b>6</b> 5	52	
PEDICULARIS CONTORTA VAR CTENOPHORA	PDSCR1KØ92	SCROPHULARIACEAE	G5T?	SU	
PEDICULARIS CONTORTA VAR RUBICUNDA	PDSCR1KØ93	SCROPHULARIACEAE	65T?	S1	
PEDICULARIS OEDERI	PDSCR1KØRØ	SCROPHULARIACEAE	G?	S2	
PENSTEMON ATTENUATUS VAR MILITARIS	PDSCR1LØH2	SCROPHULARIACEAE	G4T4	S1	
PENSTEMON CARYI	PDSCR1L18Ø	SCROPHULARIACEAE	6263	52	30
PENSTEMON FLAVESCENS	PDSCR1L2BØ	SCROPHULARIACEAE	G3	Si	
PENSTEMON LEMHIENSIS	PDSCR1L3NØ	SCROPHULARIACEAE	63	S2	C2
PENSTEMON PAYETTENSIS	PDSCR1L4TØ	SCROPHULARIACEAE	64	S1	
PENSTEMON WHIPPLEANUS	PDSCR1L6PØ	SCROPHULARIACEAE	G5	51	
PHACELIA INCANA	PDHYDØC27Ø	HYDROPHYLLACEAE	G3	Si	
PHACELIA IVESIANA	PDHYDØC2GØ	HYDROPHYLLACEAE	G?	SI	
PHACELIA THERMALIS	PDHYDØC4LØ	HYDROPHYLLACEAE	6?	S1	

6

STATE NAME	ELCODE	FAMILY	GRANK	SRANK	FEDSTATUS
PHIPPSIA ALGIDA	PMPOA4TØ1Ø	POACEAE	64	S1	30
PHLOX ANDICOLA	PDPLMØDØ8Ø	POLEMONIACEAE	6?	SU	
PHLOX KELSEYI VAR MISSOULENSIS PHYSALIS HEDERIFOLIA	PDPLMØD19Ø	POLEMONIACEAE	64T2Q		3C
PHYSALIS PUMILA	PDSOLØSØDØ	SOLANACEAE	65?	SU	
PHYSARIA ACUTIFOLIA	PDSOLØSØMØ	SOLANACEAE	G?	SU	
PHYSOCARPUS MONOGYNUS	PDBRA22010	BRASSICACEAE	G4G5	52	
PINGUICULA VULGARIS	PDROS19040 PDLNT01090	ROSACEAE	G4	SU	
PLAGIOBOTHRYS LEPTOCLADUS	PDBORØVØNØ	LENTIBULARIACEAE	G5	S2	
PLATYSCHKUHRIA INTEGRIFOLIA		BORAGINACEAE	G4	S1	`
POLYGONUM DOUGLASII VAR AUSTINAE	PDAST7CØ1Ø	ASTERACEAE	G?	S2	`
POLYSTICHUM KRUCKEBERGII	PDPGNØLØX1 PPASPØUØBØ	POLYGONACEAE ASPLENIACEAE	G4G5TI		20
POLYSTICHUM SCOPULINUM	PPASPØUØKØ		65 ce	Si	30
POTAMOGETON OBTUSIFOLIUS	PMPOTØ3ØRØ	ASPLENIACEAE	G5	51	
POTENTILLA BREVIFOLIA	PDROS1BØBØ	POTAMOGETONACEAE ROSACEAE	65 c4	S1S2	
POTENTILLA UNIFLORA	PDROS1828Ø	ROSACEAE	G4	S1 S1	
PRIMULA ALCALINA	PDPRIØ8000	PRIMULACEAE	G? G1	51 S1SH	
PSILOCARPHUS BREVISSIMUS	PDAST7RØ1Ø	ASTERACEAE	61 65	515H 51	
PSGRALEA HYPOGAEA	PDFAB3BØFØ	FABACEAE	6364	51 51	
PTERYXIA HENDERSONII	PDAPI1X020	APIACEAE	6?	2520 21	
QUERCUS MACROCARPA	PDFAGØ519Ø	FAGACEAE	65	S1?	
RANUNCULUS CARDIOPHYLLUS	PDRANØLØKØ	RANUNCULACEAE	64	S1:	
RANUNCULUS GELIDUS	PDRANGLGYG	RANUNCULACEAE	64	51 S1	
RANUNCULUS JOVIS	PDRANØL1DØ	RANUNCULACEAE	6?	51	
RIBES COGNATUM	PDSAXØTØ9Ø	SAXIFRAGACEAE	6365	S1	
RORIPPA CALYCINA	PDBRA27040	BRASSICACEAE	63	S1	C2
RUBUS URSINUS	PDROS1K7XØ	ROSACEAE	65	25	CE
SAGINA NIVALIS	PDCARØPØ7Ø	CARYOPHYLLACEAE	65	S1	
SALIX BARRATTIANA	PDSALØ2ØDØ	SALICACEAE	65	51	
SALIX SERISSIMA	PDSALØ22PØ	SALICACEAE	64	S1	
SALIX WOLFII VAR WOLFII	PDSALØ2341	SALICACEAE	G4TU	51	
SATUREJA DOUGLASII	PDLAM1TØ2Ø	LAMIACEAE	64	51?	
SAUSSUREA DENSA	PDAST8BØ5Ø	ASTERACEAE	G4	S1:	
SAUSSUREA WEBERI	PDAST8BØ6Ø	ASTERACEAE	64	51	30
SAXIFRAGA APETALA	PDSAXØU22Ø	SAXIFRAGACEAE	6?	S2	30
SAXIFRAGA CHRYSANTHA	PDSAXØUØDØ	SAXIFRAGACEAE	6?	SI	
SAXIFRAGA TEMPESTIVA	PDSAXØU1RØ		G2	S2	
SAXIFRAGA TOLMIEI VAR LEDIFOLIA	PDSAXØU1U1	SAXIFRAGACEAE		52	
SCIRPUS CYPERINUS	PMCYPØQØFØ	CYPERACEAE	G5	Si	
SCIRPUS HETEROCHAETUS	РМСУРФОФТФ	CYPERACEAE		53	
SCIRPUS HUDSONIANUS	PMCYPØAØ1Ø	CYPERACEAE	G5	S1	
SCIRPUS NEVADENSIS	PMCYP@0136	CYPERACEAE		S1S2	
SCIRPUS SUBTERMINALIS	PMCYPØ01GØ	CYPERACEAE		Si	
SEDUM DEBILE	PDCRAØAØ9Ø	CRASSULACEAE		S1	
SELAGINELLA SELAGINOIDES	PPSELØ111Ø	SELAGINELLACEAE		S1	
SELAGINELLA WATSONII	PPSELØ11DØ	SELAGINELLACEAE		S1	
SENECIO AMPLECTENS VAR HOLMII	PDAST8HØ22	ASTERACEAE		51	
SENECIO DEBILIS	PDAST8H11Ø	ASTERACEAE		Si	
SENECIO FUSCATUS	PDAST8H1EØ	ASTERACEAE		52	
SENECIO PAUCIFLORUS	PDAST8H2DØ	ASTERACEAE		SI	

7

STATE NAME	ELCODE	FAMILY	GRANK	SRANK	FEDSTATUS
SHOSHONEA PULVINATA	PDAP126010	APIACEAE	G3	S1	C2
SILENE SPALDINGII	PDCARØU1SØ	CARYOPHYLLACEAE	62	51	C2
SOLIDAGO SPARSIFLORA	PDAST8P1VØ	ASTERACEAE	6?	SU	
SPHAERALCEA MUNROANA	PDMAL140F0	MALVACEAE	G4	Si	
SPHAEROMERIA CAPITATA	PDAST8SØ3Ø	ASTERACEAE	G3	52	
SPHENOPHOLIS OBTUSATA VAR MAJOR	PMPOA5TØ31	POACEAE	G5T?	52	
SPIRAEA X PYRAMIDATA	PDROS100G0	ROSACEAE	G3G4	S1	
SPOROBOLUS NEGLECTUS	PMPOA5VØLØ	POACEAE	65	SU	
SPOROBOLUS VAGINIFLORUS	PMPOA5VØXØ	POACEAE	G5	SU	
STANLEYA TOMENTOSA	PDBRA2E050			Si	
STANLEYA VIRIDIFLORA	PDBRA2EØ6Ø	BRASSICACEAE	G4	51	
STELLARIA SIMCOEI	PDCARØX100	CARYOPHYLLACEAE	64Q	510	
STEPHANOMERIA SPINOSA	PDAST8UØEØ	ASTERACEAE	G4	S2	
STIPA LETTERMANII	PMPOA5XØHØ	POACEAE	G?NE	SU	
STIPA THURBERIANA	PMPOA5X120	POACEAE	65	SU	
STREPTANTHELLA LONGIROSTRIS	PDBRA2FØ1Ø	BRASSICACEAE	G?	SI	
SULLIVANTIA HAPEMANII	PDSAXØXØ1Ø			51	3C
SYNTHYRIS CANBYI	PDSCR1W020	SCROPHULARIACEAE	G2G3	5253	30
SYNTHYRIS MISSURICA	PDSCR1WØ4Ø	SCROPHULARIACEAE	GUQ	SI	
TARAXACUM ERIOPHORUM	PDAST93ØGØ	ASTERACEAE	G4	S1	
THALICTRUM ALPINUM	PDRANGMØ1Ø	RANUNCULACEAE	G4G5	S1	
THELYPODIUM PANICULATUM	PDBRA2NØBØ	BRASSICACEAE	G?	51	
THELYPODIUM SAGITTATUM SSP SAGITTATUM	PDBRA2NØE2	BRASSICACEAE	G?	SU	
THELYPTERIS PHEGOPTERIS	PPASPØX13Ø	ASPLENIACEAE		51	
THLASPI PARVIFLORUM	PDBRA2PØ5Ø	BRASSICACEAE	G?	SU	
TOFIELDIA PUSILLA	PMLIL1YØ4Ø	LILIACEAE	G4G5	Si	
TOWNSENDIA CONDENSATA	PDAST9CØ4Ø	ASTERACEAE	6?	51	
TOWNSENDIA FLORIFER	PDAST9C080	ASTERACEAE	6465	<b>S1</b>	
TOWNSENDIA INCANA	PDAST9CØDØ	ASTERACEAE	G?	S152	
TOWNSENDIA LEPTOTES	PDAST9CØFØ	ASTERACEAE	G?	SU	
TOWNSENDIA SPATHULATA	PDAST9CØMØ	ASTERACEAE	G3	S2	30
TRADESCANTIA BRACTEATA	PMCOMØBØ1Ø	COMMELINACEAE	6365	SU	
TRIFOLIUM DOUGLASII	PDFAB4ØØTØ	FABACEAE	6364	S1	
TRIFOLIUM ERIOCEPHALUM SSP ARCUATUM	PDFAB466V1	FABACEAE	G?	S1	
TRIFOLIUM GYMNOCARPON	PDFAB40110	FABACEAE	G?	SU	
TRIGLOCHIN CONCINNUM VAR DEBILE	PMSCHØ3Ø12	SCHEUCHZERIACEAE	G5T4	51	
TRISETUM ORTHOCHAETUM	PMPOA699A9	POACEAE	HYB	HAB	CS
UTRICULARIA INTERMEDIA	PDLNTØ2ØAØ	LENTIBULARIACEAE	G5	S1	
VACCINIUM MYRTILLOIDES	PDERI180M0	ERICACEAE	65	SI	
VERATRUM CALIFORNICUM	PMLIL25020	LILIACEAE	G5	SISU	
VERBENA BIPINNATIFIDA	PDVERØAØ1Ø	VERBENACEAE	6?	S1	
VERBESINA ENCELIOIDES	PDAST9RØ6Ø	ASTERACEAE	G?	SU	
VIBURNUM LENTAGO	PDCPRØ7ØBØ	CAPRIFOLIACEAE	G5	S1	
VIOLA RENIFOLIA	PDVI0041V0	VIOLACEAE	65 CE	S1	
VIOLA SEPTENTRIONALIS	PDVI004230	VIOLACEAE	G5	SU	ac
WALDSTEINIA IDAHOENSIS	PDROS1SØ2Ø	ROSACEAE	G3	S1	30
WOLFFIA COLUMBIANA	PMLEMØ3Ø3Ø	LEMNACEAE	65 es	S1 S1	
WOLFFIA PUNCTATA WYETHIA SCABRA VAR SCABRA	PMLEMØ3Ø4Ø PDAST9XØE3	LEMNACEAE	65 6?	51 51	
XYLORHIZA GLABRIUSCULA	PDASTA1030	ASTERACEAE		S1	
ATCORDICH OCHORIOGCOCH	LNHOIHTAOA	ASTERACEAE	០១០១	21	

Page No. Ø1/Ø7/88

8

Montana Natural Heritage Program Plant Species of Special Concern

STATE NAME

ELCODE

FAMILY

GRANK SRANK FEDSTATUS

ZIZIA AUREA

PDAP12F020

APIACEAE

65 SU